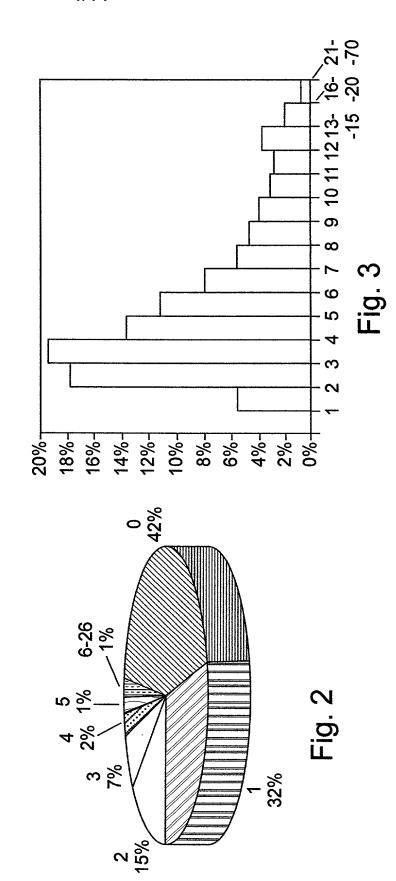
α-D-Neup-(2→8) -α-D Neup -(2→8) -α-D-Neup (2 →3)-β-D -Galp-(1→4)-β-D-GicpNAc-(1→6) ¬
-β-D-Galp-(1→4)-β-D-Galp-(1→4) ¬
-β-D Galp-(1→4) ¬
-β-D-GicpNAc-(1→3) ¬
-β-D-GicpNAc-(1→3) ¬
-β-D-GicpNAc-(1→3) ¬
-α-L Fucp-(1→3) ¬
-α-L Fucp-(1→3) ¬ Fig. 1

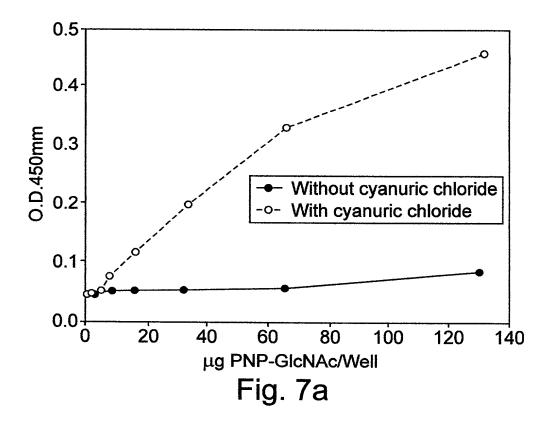


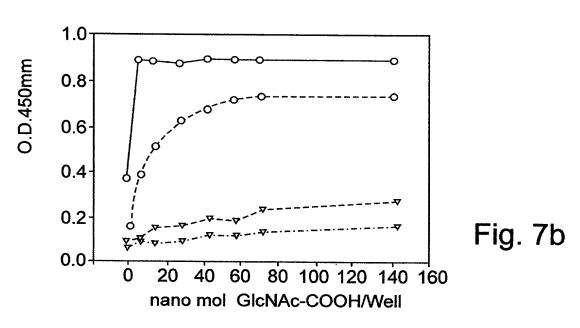
								2/14		
Complex carbohydrate formation	S-4	2 EalpNac-S	3 Ealp-(1+3)-β Galp-(1+3)-β GalpNac-S	4 GlcpNAc-(1+8)-β-D Galp-(1+3) -β GalpNac-S	5 -β	3	7 B - 3)-β - D Galp -(1+4) -β - D -GlcpNAc -(1+3) -β - D Galp-(1+4) - β D GlcpNAc-(1+3)-β-D Galp-(1+3) -β GalpNac-S)	β -D Galp -(1+3)-β -D Galp -(1+4)-β -D -GlcpNAc -(1+3)-β -D Galp -(1+4)-β -D -B -D -(1+3)-β -D -β -D -B -D -(1+3)-β -D -β -D -GlcpNAc -(1+3)-β -D -GlcpNAc	-β-D-Galp-(1+4)	D-GlcpNAc-(1+6) 1 -β-D-GlcpNAc-(1+6) 1 -β-D-Galp-(1+4)-β-D-Galp-(1+4)-β-D-Galp-(1+4) 1 -β-D Galp-(1+3) 1 -β D GlcpNAc-(1+3)-β-D Galp-(1+3) -β GalpNac-S) -α-L Fucp-(1+3) 1 -α-L Fucp-(1+3) 1 -α-L Fucp-(1+3) 1
ER	Step 1	Step 2 D5	Step. H1	Step 4 D7	Step 5 H3	Step 6 D7	Step 7 D3	Step 8 H14	Step 9 B2	Step10 D7

Fig. 4

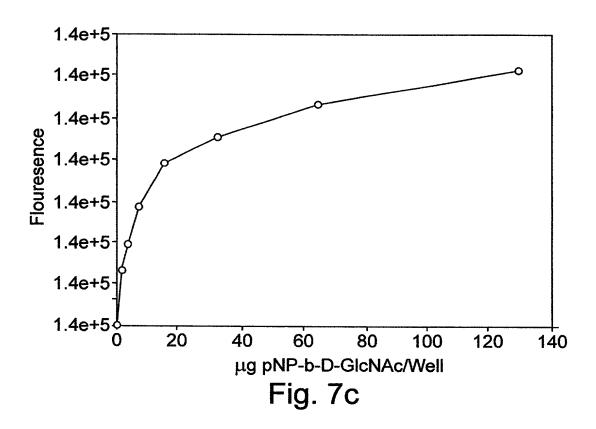
Figure 5b

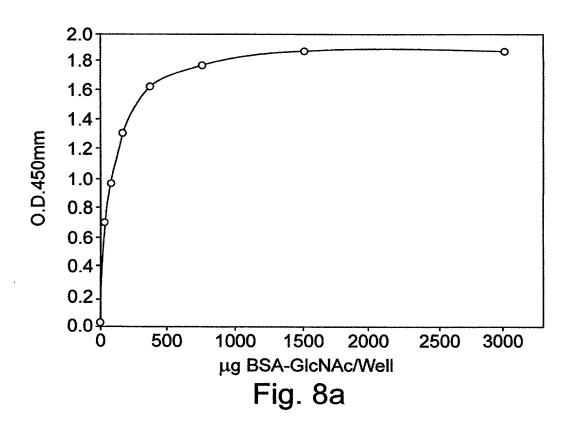
Fig. 6

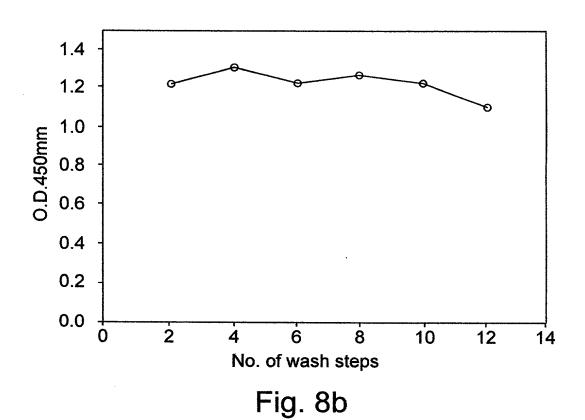


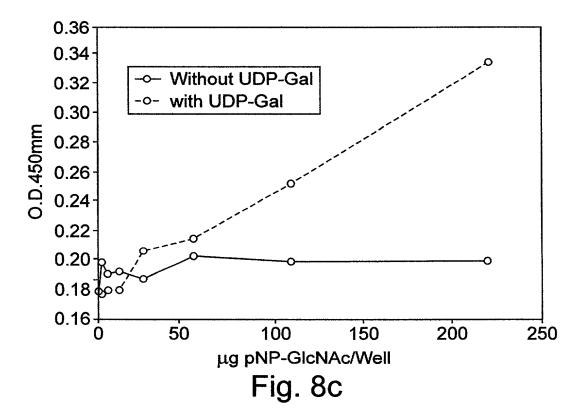


- → No blocking
- -o- BSA blocking
- - Acetic Anhydride blocking
- Acetic Anhydride blocking + BSA blocking

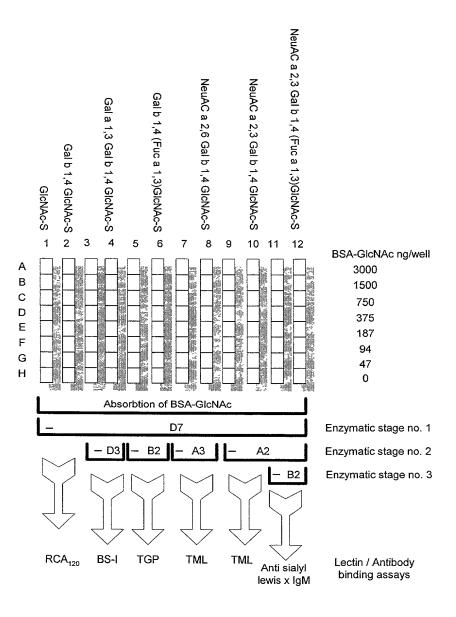


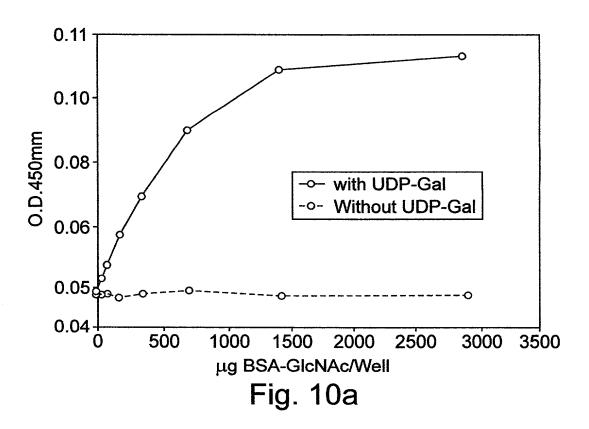


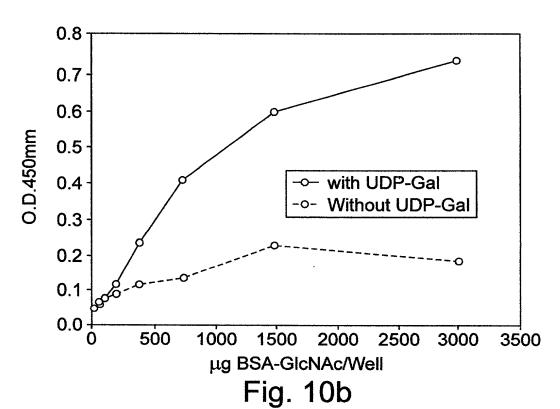


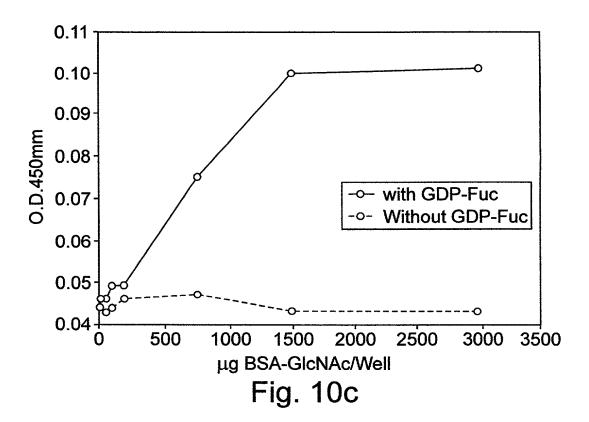


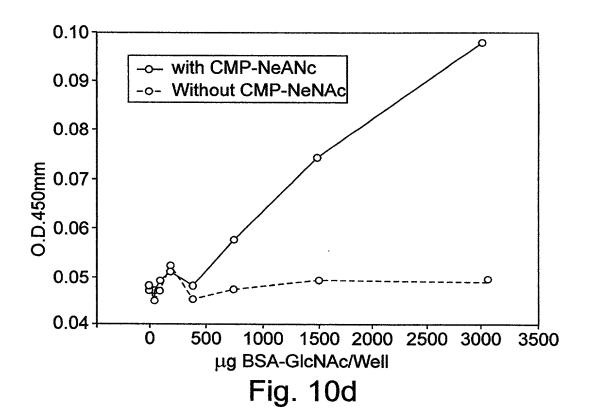
Western ...

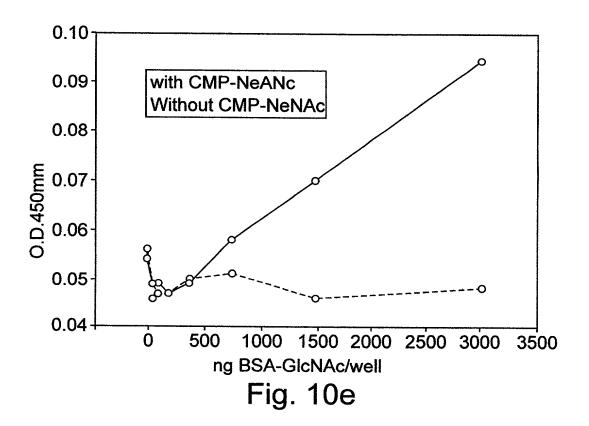


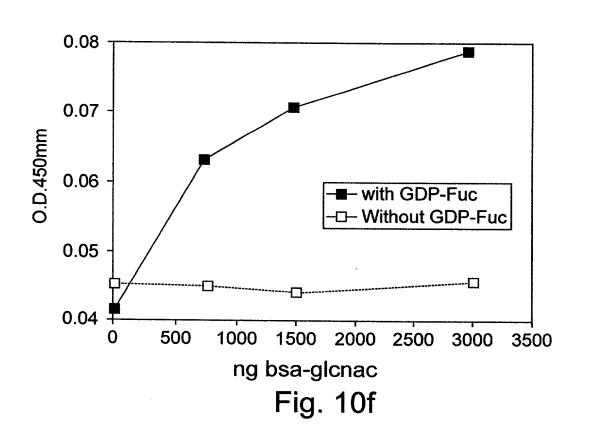


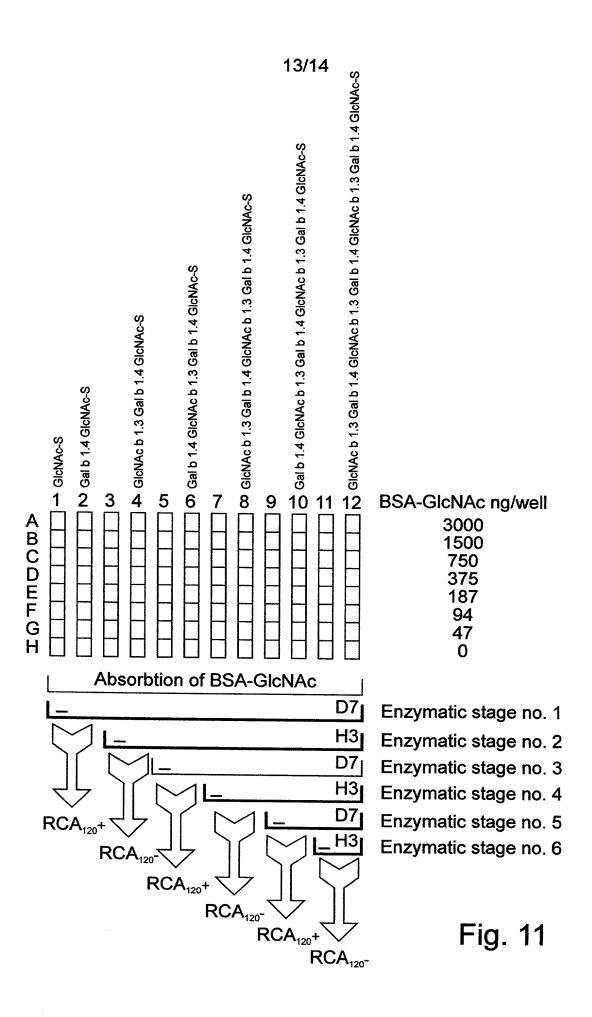












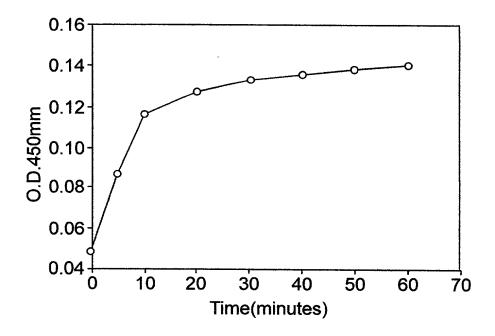
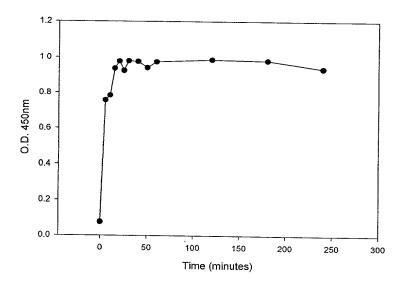


Fig. 12



Fis.13